BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Land-based Studies Pearson BTEC International Level 3 Subsidiary Diploma in Land-based Studies Pearson BTEC International Level 3 Foundation Diploma in Horticulture Pearson BTEC International Level 3 Diploma in Horticulture Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 38: Protected Horticultural Crop Production
Learning aim(s)	**A:** Investigate key requirements for the commercial production of protected horticultural crops
Assignment title	**Protected Horticultural Crop Requirements**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working as an assistant manager at a farm that produces a variety of different plants. You have been asked to carry out research and produce a report about the different requirements of protected horticultural crops and how meeting these requirements can affect their success, growth and development.
Task 1	Select two different commercial protected horticultural crops, one edible and one ornamental, one of which must meet approved organic guidelines. Evaluate the requirements of these crops and the different factors that affect their success, growth and development. Present your findings as a report that includes: • reasons for selecting these plants. including a review of a range of plants and those discounted from selection • links between production requirements and timings • links between production requirements and successful establishment • evidence of research. Use full and accurate botanical names in your report.
Checklist of evidence required	Report

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Assess the requirements for two contrasting commercial protected horticultural crops, one of which meets approved organic guidelines, evaluating the factors that affect their successful growth and development.
A.M1	Compare the requirements of two contrasting commercial protected horticultural crops, one of which meets approved organic guidelines, analysing the factors affecting their growth and establishment.
A.P1	Explain the requirements for the production of two contrasting commercial protected horticultural crops, one of which meets approved organic guidelines.
A.P2	Explain the factors affecting the management of plant growth and establishment for the production of two contrasting commercial protected horticultural crops, one of which meets approved organic guidelines.

Sources of information to support you with this Assignment	**Books** Singh,DK, Peter, KV (2014) *Protected cultivation of horticultural crops*, NIPA Publishing, ISBN 978 9383305155 Heuvelink, E (2018) *Tomatoes (Crop Production Science in Horticulture)*, CABI publisher, ISBN 978 1780641935 Bosland, PW, Votava, EJ (2012) *Peppers: Vegetables and Spice Capsicums (Crop Production Science in Horticulture)*, CABI publisher, ISBN 978 1845938253 **Journals/Magazines** Garden News Gardeners' World Farmers' Weekly